

Application/Control Number: 09/996,577
Art Unit: 2683

Docket No.: 2001-0237

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).
2. (Currently Amended) An architecture that supports a plurality of different multimedia communication protocols and applications, each application having at least one multimedia application functional entity, the architecture comprising:
a common mobility management protocol shared by said different multimedia applications for messaging between a given multimedia application functional entity and a mobility management functional entity, including one of an authentication function, a home location function or a visitor location function for mobility management, and for messaging between two of said mobility management functional entities, wherein:
The common mobility management protocol further comprises of claim 1
comprising an address template for defining a set of address identifiers and profile information for completing an attempted communication to an identified address; and
a descriptor for carrying [[the]] address information.
3. (Currently Amended) The common mobility management protocol of claim 2,
wherein said descriptor comprises:
a unique identifier for the descriptor;
a template; and
a functional entity identifier indicating an owning functional entity of said descriptor.

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4. (Currently Amended) The common mobility management protocol as recited in claim 3, wherein said unique descriptor identifier comprises:
a time said descriptor last changed; and
said template comprises a template life field.
5. (Canceled).
6. (Currently Amended) The common mobility management protocol of claim 4,
~~wherein further comprising~~ a descriptor update message ~~updates to update~~ a template before
[[its]] a life ~~of the template~~ expires.
7. (Currently Amended) The common mobility management protocol of claim 4,
~~wherein further comprising:~~
a descriptor request message, ~~wherein results in~~ a descriptor confirmation message,
identifying all templates conforming to a specified descriptor, ~~is sent in response to receiving~~
~~the descriptor request message.~~
8. (Currently Amended) In an architecture supporting a plurality of different multimedia communications protocols and applications, each application having at least one multimedia application functional entity, the architecture comprising:
a common mobility management protocol shared by said different multimedia applications for messaging between a given multimedia application functional entity and a mobility management functional entity, including one of an authentication function, a home location function or a visitor location function for mobility management, and for messaging between two of said mobility management functional entities, wherein:
a message comprises common fields and message-specific data, and

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~~The~~ the common mobility management protocol of claim 5 wherein further
comprises:

a service request message comprises the comprising an identity of [[the]] an element and a domain requesting service, supported security and a suggested lifetime for a service relationship.

9. (Currently Amended) The common mobility management protocol of claim 2, wherein said template comprises an address string including a Boolean flag indicator as a wild card.

10-14 (Canceled).

15. (Currently Amended) ~~A method as recited in claim 11, A method of messaging~~
~~between management application functional entities and mobility management functional~~
~~entities and between mobility management functional entities, the method comprising:~~
~~receiving a descriptor request message at a descriptor owning functional entity;~~
~~matching said descriptor request message with a plurality of templates;~~
~~transmitting a descriptor confirmation message with all matching templates; and~~
~~resolving mobile terminal conflicts responsive to receipt of a descriptor, wherein:~~
~~said descriptor owning functional entity owning owns [[a]] said descriptor, and~~
~~said descriptor comprising comprises address data, routing data and service profile~~
~~data and said method further comprises the step of resolving mobile terminal conflicts~~
~~responsive to receipt of said descriptor.~~

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16. (Currently Amended) ~~A method as recited in claim 11~~ A method of messaging between management application functional entities and mobility management functional entities and between mobility management functional entities, the method comprising:
receiving a descriptor request message at a descriptor owning functional entity;
matching said descriptor request message with a plurality of templates; and
transmitting a descriptor confirmation message with all matching templates, wherein:
said descriptor comprises a group of at least one template, said template defining one of a set of at least one address identifier and service profile data.

17-22 (Canceled).